

PTO SB 08A 110-01
Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 10/030,868
Filing Date October 17, 2001
First Named Inventor Yuri Evgenievich Korchev
Art Unit 2878 1657
Examiner Name
Attorney Docket Number GJE-81

Sheet

1

of

2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JPO	U1	US- 4,924,091	05-08-1990	Hansma <i>et al.</i>	All
JPO	U2	US- 5,479,024	12-26-1995	Hillner <i>et al.</i>	All
JPO	U3	US- 5,874,726	02-23-1999	Haydon	All
JPO	U4	US- 5,166,520	11-24-1992	Prater <i>et al.</i>	All
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS

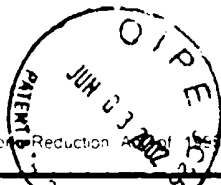
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
JPO	F1	WO 98/50791 A1	11-12-1998	Neurosearch	All	
JPO	F2	WO 98/37440 A1	08-27-1998	Lewis	All	
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner Signature *John D. Oles* Date Considered *21 Apr 04*

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicants unique citation designation number (optional): See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement This form is estimated to take 20 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.



PTO SB 02B (10-01)

Approved for use through 10/31/02 OMB 3651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1A158-PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/030,868
Filing Date	October 17, 2001
First Named Inventor	Yuri Evgenievich Korchev
Group Art Unit	2878-1651
Examiner Name	
Attorney Docket Number	GJE-81

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published	T ²
SA	R1	LEWIS, A. et al. "Fountain Pen Nanochemistry: Atomic Force Control of Chrome Etching" <i>Applied Physics Letters</i> , October 25, 1999, pp. 2689-2691, Vol. 75, No. 17.	
SA	R2	KORCHEV, Y. et al. "Hybrid Scanning Ion Conductance and Scanning Near-Field Optical Microscopy for the Study of Living Cells" <i>Biophysical Journal</i> , May 2000, pp. 1-5, Vol. 78.	
SA	R3	KELLER, T.H. "Scanning Near-Field Optical Microscopy in Reflection Mode Imaging in Liquid" <i>Rev. Sci. Instrum.</i> , March 1997, pp. 1448-1454, Vol. 68, No. 3.	
SA	R4	KORCHEV, Y.E. "Scanning Ion Conductance Microscopy of Living Cells" <i>Biophysical Journal</i> , August 1997, pp. 653-658, Vol. 73.	
SA	R5	HANSMA, P.K. "The Scanning Ion-Conductance Microscope" <i>Reports</i> , February 3, 1989, pp. 641-643, Vol. 243.	
SA	R6	JANDT, K.D. "Developments and Perspectives of Scanning Probe Microscopy (SPM) on Organic Materials Systems" <i>Materials Science and Engineering</i> , 1998, pp. 221-295, Vol. 21.	
SA	R7	TAN, W. "Optical Measurements on the Nanometer Scale" <i>Trends in Analytical Chemistry</i> , 1998, pp. 501-513, Vol. 17, Nos. 8 and 9.	
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

RECEIVED
SEP 09 2002
TC 1700

Examiner Signature	<i>[Signature]</i>	Date Considered	21 Apr 02
--------------------	--------------------	-----------------	-----------

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

Applicant's unique citation designation number (optional) Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement This form is estimated to take 20 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.



PTO SB-08A (10-01)
Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/030,868	
			Filing Date	October 18, 2001	
			First Named Inventor	Yuri Evgenievich Korchev	
			Art Unit	2878 - 1651	
			Examiner Name	unknown	
Sheet	1	of	2	Attorney Docket Number	GJE-81

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)			
JH	F1	WO	00/63736	10-26-2000	Imperial College Innovations, Ltd.	All
JH	F2	JP	09196936 (abstract only)	07-31-1997	Bunshi Bio Photonics	All
JH	F3	JP	09211010 (abstract only)	08-15-1997	Bunshi Bio Photonics	All
	F4					
	F5					
	F6					
	F7					

Examiner Signature		Date Considered	21 Apr 04
--------------------	--	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional) ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04 ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible ⁶ Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement. This form is estimated to take 20 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231



PTO SB 08B (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

RECEIVED
DEC 04 2002

Substitute for form 1449B.PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	10/030,868
	Filing Date	October 18, 2001
	First Named Inventor	Yuri Evgenievich Korchev
	Group Art Unit	2078 1651
	Examiner Name	unknown
Sheet 2 of 2	Attorney Docket Number	GJE-81

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	R1	KORCHEV, Y. E. et al. "Specialized Scanning Ion-Conductance Microscope for Imaging of Living Cells" Journal of Microscopy, 1997, pp. 17-23, Vol. 188, Part 1.
	R2	
	R3	
	R4	
	R5	
	R6	
	R7	
	R8	
	R9	
	R10	
	R11	
	R12	
	R13	

TC 2800 MAIL ROOM
JUN 27 2002

Examiner Signature		Date Considered	27 Apr 04
--------------------	--	-----------------	-----------

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached

+

Burden Hour Statement This form is estimated to take 20 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.